sam_2026-01-28_12-06-16_Connect-GAPDH-01.pcrd

01/29/2026 13:10

Report Information

User: BioRad/sam
Data File Name: sam_2026-01-28_12-06-16_Connect-GAPDH-01.pcrd
Data File Path: C:\Users\Samb\Desktop\qPCR-polyIC
Well Group Name: All Wells
Report Differs from Last Save: No

Run Setup

Run Information

Run Date: 01/28/2026 12:06
Run User: sam
Run Type: User-defined
Plate File: mgig-01-GAPDH-polyIC-valentina-cfx-plate.pltd
ID:
Notes: GAPDH- Primer SRIDs 1172 and 1173
Sample Volume: 20
Temperature Control Mode: Calculated
Lid Temperature: 105
Base Serial Number: BR006896
Optical Head Serial Number: 788BR07000

Protocol

1: 95.0°C for 0:30
2: 95.0°C for 0:03
3: 60.0°C for 0:05
Plate Read
4: GOTO 2, 39 more times
5: Melt Curve 65.0°C to 95.0°C: Increment 0.5°C 0:05
Plate Read

Plate Display

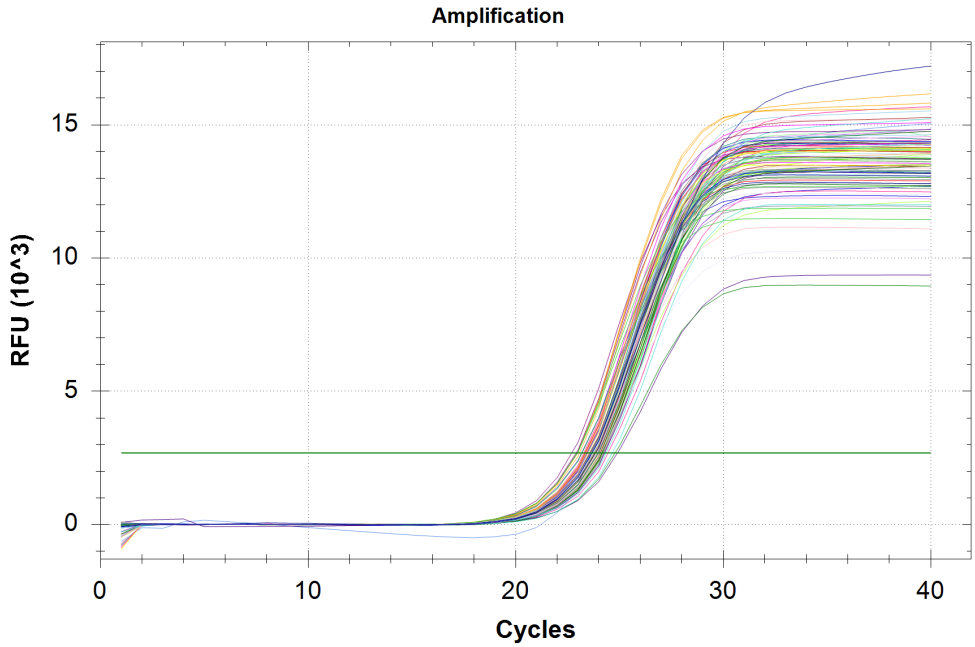
	1	2	3	4	5	6	7	8	9	10	11	12
A	Unk-1 GAPDH A1C	Unk-1 GAPDH A1C	Unk-1 GAPDH A1C	Unk-2 GAPDH A2C	Unk-2 GAPDH A2C	Unk-2 GAPDH A2C	Unk-3 GAPDH A3C	Unk-3 GAPDH A3C	Unk-3 GAPDH A3C	Unk-4 GAPDH A4C	Unk-4 GAPDH A4C	Unk-4 GAPDH A4C
B	Unk-5 GAPDH A5C	Unk-5 GAPDH A5C	Unk-5 GAPDH A5C	Unk-6 GAPDH B1C	Unk-6 GAPDH B1C	Unk-6 GAPDH B1C	Unk-7 GAPDH B2C	Unk-7 GAPDH B2C	Unk-7 GAPDH B2C	Unk-8 GAPDH B3C	Unk-8 GAPDH B3C	Unk-8 GAPDH B3C
C	Unk-9 GAPDH B4C	Unk-9 GAPDH B4C	Unk-9 GAPDH B4C	Unk-10 GAPDH B5C	Unk-10 GAPDH B5C	Unk-10 GAPDH B5C	Unk-11 GAPDH C1C	Unk-11 GAPDH C1C	Unk-11 GAPDH C1C	Unk-12 GAPDH C2C	Unk-12 GAPDH C2C	Unk-12 GAPDH C2C
D	Unk-13 GAPDH C3C	Unk-13 GAPDH C3C	Unk-13 GAPDH C3C	Unk-14 GAPDH C4C	Unk-14 GAPDH C4C	Unk-14 GAPDH C4C	Unk-15 GAPDH C5C	Unk-15 GAPDH C5C	Unk-15 GAPDH C5C	Unk-16 GAPDH D1C	Unk-16 GAPDH D1C	Unk-16 GAPDH D1C

Plate Display

	1	2	3	4	5	6	7	8	9	10	11	12
E	Unk-17 GAPDH D2C	Unk-17 GAPDH D2C	Unk-17 GAPDH D2C	Unk-18 GAPDH D3C	Unk-18 GAPDH D3C	Unk-18 GAPDH D3C	Unk-19 GAPDH D4C	Unk-19 GAPDH D4C	Unk-19 GAPDH D4C	Unk-20 GAPDH D5C	Unk-20 GAPDH D5C	Unk-20 GAPDH D5C
F	Unk-21 GAPDH A1M	Unk-21 GAPDH A1M	Unk-21 GAPDH A1M	Unk-22 GAPDH A2M	Unk-22 GAPDH A2M	Unk-22 GAPDH A2M	Unk-23 GAPDH A3M	Unk-23 GAPDH A3M	Unk-23 GAPDH A3M	Unk-24 GAPDH A4M	Unk-24 GAPDH A4M	Unk-24 GAPDH A4M
G	Unk-25 GAPDH A5M	Unk-25 GAPDH A5M	Unk-25 GAPDH A5M	Unk-26 GAPDH B1M	Unk-26 GAPDH B1M	Unk-26 GAPDH B1M	Unk-27 GAPDH B2M	Unk-27 GAPDH B2M	Unk-27 GAPDH B2M	Unk-28 GAPDH B3M	Unk-28 GAPDH B3M	Unk-28 GAPDH B3M
H	Unk-29 GAPDH B4M	Unk-29 GAPDH B4M	Unk-29 GAPDH B4M	Unk-30 GAPDH B5M	Unk-30 GAPDH B5M	Unk-30 GAPDH B5M	Unk-31 GAPDH C1M	Unk-31 GAPDH C1M	Unk-31 GAPDH C1M	Unk-32 GAPDH C2M	Unk-32 GAPDH C2M	Unk-32 GAPDH C2M

Quantification

Step #: 3
Analysis Mode: Fluorophore
Cq Determination: Single Threshold
Baseline Method:
SYBR: Auto Calculated
Threshold Setting:
SYBR: 2679.14, Auto Calculated



Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A01	SYBR	GAPDH	Unkn-01	A1C	23.84	23.56	0.343
A02	SYBR	GAPDH	Unkn-01	A1C	23.66	23.56	0.343
A03	SYBR	GAPDH	Unkn-01	A1C	23.17	23.56	0.343
A04	SYBR	GAPDH	Unkn-02	A2C	24.22	24.31	0.116
A05	SYBR	GAPDH	Unkn-02	A2C	24.26	24.31	0.116
A06	SYBR	GAPDH	Unkn-02	A2C	24.44	24.31	0.116
A07	SYBR	GAPDH	Unkn-03	A3C	23.59	23.64	0.261
A08	SYBR	GAPDH	Unkn-03	A3C	23.92	23.64	0.261

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
A09	SYBR	GAPDH	Unkn-03	A3C	23.41	23.64	0.261
A10	SYBR	GAPDH	Unkn-04	A4C	24.04	24.09	0.049
A11	SYBR	GAPDH	Unkn-04	A4C	24.09	24.09	0.049
A12	SYBR	GAPDH	Unkn-04	A4C	24.14	24.09	0.049
B01	SYBR	GAPDH	Unkn-05	A5C	23.67	23.55	0.122
B02	SYBR	GAPDH	Unkn-05	A5C	23.55	23.55	0.122
B03	SYBR	GAPDH	Unkn-05	A5C	23.43	23.55	0.122
B04	SYBR	GAPDH	Unkn-06	B1C	23.65	23.70	0.075
B05	SYBR	GAPDH	Unkn-06	B1C	23.66	23.70	0.075
B06	SYBR	GAPDH	Unkn-06	B1C	23.79	23.70	0.075
B07	SYBR	GAPDH	Unkn-07	B2C	23.77	23.73	0.074
B08	SYBR	GAPDH	Unkn-07	B2C	23.77	23.73	0.074
B09	SYBR	GAPDH	Unkn-07	B2C	23.64	23.73	0.074
B10	SYBR	GAPDH	Unkn-08	B3C	24.15	24.44	0.400
B11	SYBR	GAPDH	Unkn-08	B3C	24.90	24.44	0.400
B12	SYBR	GAPDH	Unkn-08	B3C	24.28	24.44	0.400
C01	SYBR	GAPDH	Unkn-09	B4C	23.44	23.40	0.044
C02	SYBR	GAPDH	Unkn-09	B4C	23.35	23.40	0.044
C03	SYBR	GAPDH	Unkn-09	B4C	23.41	23.40	0.044
C04	SYBR	GAPDH	Unkn-10	B5C	24.02	23.64	0.373
C05	SYBR	GAPDH	Unkn-10	B5C	23.27	23.64	0.373
C06	SYBR	GAPDH	Unkn-10	B5C	23.63	23.64	0.373
C07	SYBR	GAPDH	Unkn-11	C1C	24.10	24.15	0.044
C08	SYBR	GAPDH	Unkn-11	C1C	24.18	24.15	0.044
C09	SYBR	GAPDH	Unkn-11	C1C	24.16	24.15	0.044
C10	SYBR	GAPDH	Unkn-12	C2C	22.90	22.85	0.138
C11	SYBR	GAPDH	Unkn-12	C2C	22.95	22.85	0.138
C12	SYBR	GAPDH	Unkn-12	C2C	22.69	22.85	0.138
D01	SYBR	GAPDH	Unkn-13	C3C	24.78	24.28	0.436
D02	SYBR	GAPDH	Unkn-13	C3C	24.07	24.28	0.436
D03	SYBR	GAPDH	Unkn-13	C3C	23.99	24.28	0.436
D04	SYBR	GAPDH	Unkn-14	C4C	23.47	23.50	0.083
D05	SYBR	GAPDH	Unkn-14	C4C	23.44	23.50	0.083
D06	SYBR	GAPDH	Unkn-14	C4C	23.60	23.50	0.083
D07	SYBR	GAPDH	Unkn-15	C5C	23.94	23.93	0.126
D08	SYBR	GAPDH	Unkn-15	C5C	23.80	23.93	0.126
D09	SYBR	GAPDH	Unkn-15	C5C	24.06	23.93	0.126
D10	SYBR	GAPDH	Unkn-16	D1C	24.07	24.06	0.119
D11	SYBR	GAPDH	Unkn-16	D1C	23.93	24.06	0.119
D12	SYBR	GAPDH	Unkn-16	D1C	24.17	24.06	0.119
E01	SYBR	GAPDH	Unkn-17	D2C	23.56	23.44	0.108
E02	SYBR	GAPDH	Unkn-17	D2C	23.35	23.44	0.108
E03	SYBR	GAPDH	Unkn-17	D2C	23.41	23.44	0.108
E04	SYBR	GAPDH	Unkn-18	D3C	23.93	23.96	0.037
E05	SYBR	GAPDH	Unkn-18	D3C	24.00	23.96	0.037
E06	SYBR	GAPDH	Unkn-18	D3C	23.96	23.96	0.037
E07	SYBR	GAPDH	Unkn-19	D4C	23.77	23.71	0.083
E08	SYBR	GAPDH	Unkn-19	D4C	23.61	23.71	0.083
E09	SYBR	GAPDH	Unkn-19	D4C	23.73	23.71	0.083

Quantification Data

Well	Fluor	Target	Content	Sample	Cq	Cq Mean	Cq Std. Dev
E10	SYBR	GAPDH	Unkn-20	D5C	22.97	23.01	0.053
E11	SYBR	GAPDH	Unkn-20	D5C	22.98	23.01	0.053
E12	SYBR	GAPDH	Unkn-20	D5C	23.07	23.01	0.053
F01	SYBR	GAPDH	Unkn-21	A1M	23.80	23.80	0.011
F02	SYBR	GAPDH	Unkn-21	A1M	23.80	23.80	0.011
F03	SYBR	GAPDH	Unkn-21	A1M	23.82	23.80	0.011
F04	SYBR	GAPDH	Unkn-22	A2M	23.28	23.34	0.072
F05	SYBR	GAPDH	Unkn-22	A2M	23.42	23.34	0.072
F06	SYBR	GAPDH	Unkn-22	A2M	23.32	23.34	0.072
F07	SYBR	GAPDH	Unkn-23	A3M	23.47	23.39	0.084
F08	SYBR	GAPDH	Unkn-23	A3M	23.31	23.39	0.084
F09	SYBR	GAPDH	Unkn-23	A3M	23.39	23.39	0.084
F10	SYBR	GAPDH	Unkn-24	A4M	23.65	23.62	0.148
F11	SYBR	GAPDH	Unkn-24	A4M	23.46	23.62	0.148
F12	SYBR	GAPDH	Unkn-24	A4M	23.75	23.62	0.148
G01	SYBR	GAPDH	Unkn-25	A5M	23.59	23.58	0.011
G02	SYBR	GAPDH	Unkn-25	A5M	23.59	23.58	0.011
G03	SYBR	GAPDH	Unkn-25	A5M	23.57	23.58	0.011
G04	SYBR	GAPDH	Unkn-26	B1M	22.96	23.04	0.129
G05	SYBR	GAPDH	Unkn-26	B1M	22.98	23.04	0.129
G06	SYBR	GAPDH	Unkn-26	B1M	23.19	23.04	0.129
G07	SYBR	GAPDH	Unkn-27	B2M	23.87	23.82	0.048
G08	SYBR	GAPDH	Unkn-27	B2M	23.81	23.82	0.048
G09	SYBR	GAPDH	Unkn-27	B2M	23.78	23.82	0.048
G10	SYBR	GAPDH	Unkn-28	B3M	23.94	23.96	0.138
G11	SYBR	GAPDH	Unkn-28	B3M	23.83	23.96	0.138
G12	SYBR	GAPDH	Unkn-28	B3M	24.11	23.96	0.138
H01	SYBR	GAPDH	Unkn-29	B4M	24.14	23.99	0.148
H02	SYBR	GAPDH	Unkn-29	B4M	23.99	23.99	0.148
H03	SYBR	GAPDH	Unkn-29	B4M	23.84	23.99	0.148
H04	SYBR	GAPDH	Unkn-30	B5M	24.35	24.41	0.212
H05	SYBR	GAPDH	Unkn-30	B5M	24.65	24.41	0.212
H06	SYBR	GAPDH	Unkn-30	B5M	24.24	24.41	0.212
H07	SYBR	GAPDH	Unkn-31	C1M	23.72	23.83	0.248
H08	SYBR	GAPDH	Unkn-31	C1M	23.65	23.83	0.248
H09	SYBR	GAPDH	Unkn-31	C1M	24.11	23.83	0.248
H10	SYBR	GAPDH	Unkn-32	C2M	23.66	23.72	0.093
H11	SYBR	GAPDH	Unkn-32	C2M	23.67	23.72	0.093
H12	SYBR	GAPDH	Unkn-32	C2M	23.83	23.72	0.093

QC Parameters

Data

Description	Value	Use	Results	Exclude Wells	All excluded wells
Negative control with a Cq less than	38	True		False	
NTC with a Cq less than	38	True		False	
NRT with a Cq less than	38	True		False	
Positive control with a Cq greater than	30	True		False	
Unknown without a Cq	N/A	True		False	
Standard without a Cq	N/A	True		False	
Efficiency greater than	110.0	True			
Efficiency less than	90.0	True			
Std Curve R^2 less than	0.980	True			
Replicate group Cq Std Dev greater than	0.50	True		False	